

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 3:16 PM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 507 Const Calendar Day: 590 Date: 15-Jan-2014 Wednesday

Inspector Name: Soheilifard, Saman Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 07:00 am 05:30 pm Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Awal, Mohammad Approved Date: 30-May-14 Status: Approved

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather****Temperature** 7 AM 50 - 60 12 PM 60 - 70 4PM**Precipitation** none **Condition** ClearWorking Day ☒ If no, explain:**Diary:**

Dispute

Work description.

Wednesday, January 15, 2014

Fender Module Erection

Day 9: Modules RN3D & RN4B

These modules constitute modules 12 & 13 of 16 to be erected over the last 9 days. As has been the norm, the work begins by the placement of the spreader beam over the module followed by the tensioning of the high strength rods that are used in connecting the spreader beam to the module. This operation is done on the barge carrying the modules (Barge 217). Once complete, this barge is positioned next to DB Paula, which in return hoists the module and swings it over to its final location where it is installed.

By 10:00, this module was already in the water and rough adjusted. A diver had been in the water already. This diver surfaced at about 10:10 having communicated his acceptance of the erection to the folks on the barge. By about 10:30, the DB was moving away from the N. W. corner of the Tower, where it had just erected module RN3D and headed to the N. E. corner of the T1 Tower. Once positioned on the N. E. corner, the DB was going to erect module RN4B.

By 10:40 the permanent and the temporary PT rods were installed on module RN3D.

According to Chad Durant, Dutra's surveyor, the final parameters on this module were as follow:

Elev.: North 5/8" High & South 3/8" High;

Laterally: OK

Hor.: Out by ONLY 1/8" on the South Side & 3/8" on the North

The following numbers reflect the distance between the faces of the rib and the concrete face of the footing, which should be 500mm according to Section B-B, Plan sheet 992/1204. Each 500mm wide rib was measured at both ends. My survey on this fender resulted in the following numbers:

Fender Module RN3D

	Nort	hSouth
Rib #1 (N.)	540	535
Rib #2 (mid.)	555	550
Rib #3 (S.)	550	555

Between RN3D & RN2C

Gap: 45mm

V. Offset: 29mm



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Wednesday

H. Offset: 25+mm RN2C W. of RN3D

At 13:05, the module RN4B was hoisted by DB Paula and shortly thereafter Barge 217 moved away from the DB with the 3 remaining modules.

At 13:30, this module broke the water and continued to be lowered. It was soon discovered that there was a problem in the erection of this module, which was due to the unbalanced loading of the module. The fender was leaning heavily to the North side. The installation of the spreader beam in the wrong location had resulted in the shifting of the center of gravity to the North side. The next hour was spent addressing this problem.

At 15:00, a diver who was sent down communicated with the folks monitoring his movement that there were a few low spots on the ribs and that the module had to be adjusted. I was present during this conversation that took place with the diver who has a camera relaying live images to the supervising diver.

At 15:20, the fine tuning of the fender module began.

At 15:40, the diver deemed the adjustments adequate and the final location of the fender acceptable.

At 15:50, the rods were de-tensioned and the spreader beam removed.

Fender Module RN4B

	North	South
Rib #1 (N.)	565	560
Rib #2 (mid.)	575	565
Rib #3 (S.)	560	575

According to Chad Durant, Dutra's surveyor the numbers for this module are as follow:

Elev.: High: North 3/8" & South 1/2";

Laterally: Needs to move South by 1";

Hor.: Out by 1 1/2";

Between RN4B & RN4A

Gap:395mm 4A E. of 4B (Closure)

V. Offset: 15mm

H. Offset: <25mm

The preceding measurements were taken once the workers were done with the spreader beam and the PT rods installation.

Other matters of Note:

*M. Awal my lead, relayed a message from Bill Casey, the RE that the one week extension beyond the January 31st he had granted in previous conversations, is off the table. This means that according to him, I should leave the Pier at the end of January. It is just a coincidence that he has pulled this offer a couple days after I discussed the death of an ABF welder in the Tower and the fact that there were whispers surrounding this issue that the fumes may have contributed to his death. As explained earlier, my relaying of the message was ONLY meant to raise awareness in the management so that CT is not held liable unjustly for possible violations that are not committed by CT. Furthermore, if I happen to be on the Pier past January 31st, I am not allowed to be at the job site per his directive.

*A conversation with Ernie, CT safety Officer, who told me that the air monitoring in the OBG & Tower is set to start on Tuesday. He indicated that the monitoring will be coordinated with CCC & ABF. When asked if he could keep me in the loop, he was quite non-committal.

04-0120F4

Bid Item: 041

0-000-000.041

ERECT PRECAST CONCRETE FENDER MODULES



ddrRptbyBidItem

Daily Diary Report by Bid Item

Job Name: 04-0120F4 Inspector Name: Soheilifard, Saman Diary #: 507 Date: 15-Jan-2014 Wednesday

DUTRA MATERIALS

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: DUTRA MATERIALS								
Barge Captain		Joe Dunlap	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Piledriver	APP	ROBERT UTLEY	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Supervisor	GEN	Terry MURRAY	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Piledriver	JNM	SAMI TAVAKE	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Piledriver	JNM	RON TORRES	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Piledriver	JNM	WALTER QUINTERO	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Piledriver	APP	JAMES SAVAGE	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Operator		Bill Burch	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Piledriver	JNM	jason	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Barge Captain		Garret silva	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Barge Captain		Ryan Larder	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Piledriver	JNM	GREG HAUFLE	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Supervisor		david lumsden	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Operator	OTH	STEVE FRIYER	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Piledriver	JNM	ben Utoloa	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Piledriver	JNM	LUKE HUDSON	8.00	2.00	0.00	10.00		<input type="checkbox"/>

Equipment

Equipment ID	Description	RT Hrs	OT Hrs	ST Hrs	IT Hrs	Rental Company	Remarks	Dispute
Contractor: DUTRA MATERIALS								
*E0620562							No	<input type="checkbox"/>
		0.00	0.00	0.00	0.00			
*E0660562							No	<input type="checkbox"/>
		3.00	1.00	0.00	0.00			
*E0640562	MARINE, STEEL BARGE						No	<input type="checkbox"/>
		0.00	0.00	0.00	0.00			

04-0120F4 Bid Item: 041 0-000-000.041 ERECT PRECAST CONCRETE FENDER MODULES

BALLAD DIVING

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: BALLAD DIVING								
Underwater Diver		Alex Velez	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Marine Coordinator		DERDK CHASE	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Underwater Diver		ALEX DOSS	8.00	2.00	0.00	10.00		<input type="checkbox"/>

04-0120F4 Bid Item: 041 0-000-000.041 ERECT PRECAST CONCRETE FENDER MODULES

AMERICAN BRIDGE/FLUOR, A JV

04-0120F4 Bid Item: 078 T-L01-ENE.078 Tower Lift 01 External Paint Tower NE

CERTIFIED COATINGS COMPANY

04-0120F4 Bid Item: 078 T-L01-ENW.078 Tower Lift 01 External Paint Tower NW

CERTIFIED COATINGS COMPANY

Daily Diary Report by Bid Item

Job Name: 04-0120F4 Inspector Name: Soheilifard, Saman Diary #: 507 Date: 15-Jan-2014 Wednesday

04-0120F4 Bid Item: 078 T-L01-ESE.078 Tower Lift 01 External Paint Tower SE
CERTIFIED COATINGS COMPANY

04-0120F4 Bid Item: 078 T-L01-ESW.078 Tower Lift 01 External Paint Tower SW
CERTIFIED COATINGS COMPANY

04-0120F4 Bid Item: 078 T-L01-INE.078 Tower Lift 01 Internal Paint Tower NE
CERTIFIED COATINGS COMPANY

04-0120F4 Bid Item: 078 T-L01-ISW.078 Tower Lift 01 Internal Paint Tower SW
CERTIFIED COATINGS COMPANY

04-0120F4 Bid Item: 078 T-L01-ISE.078 Tower Lift 01 Internal Paint Tower SE
CERTIFIED COATINGS COMPANY

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: CERTIFIED COATINGS COMPANY								
Painter	JNM	ERNESTO SOLON	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Painter	JNM	LUIS PANIAGUA	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Painter	APP	RAFAEL SERANO	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Painter	JNM	FRANCISCO SERRANO	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Painter	JNM	HECTOR GUITTEREZ	0.00	0.00	0.00	0.00		<input type="checkbox"/>

04-0120F4 Bid Item: 078 T-L01-ISW.078 Tower Lift 01 Internal Paint Tower SW
CERTIFIED COATINGS COMPANY

04-0120F4 Bid Item: 078 T-L02-ENE.078 Tower Lift 02 External Paint Tower NE
CERTIFIED COATINGS COMPANY

04-0120F4 Bid Item: 078 T-L02-ENW.078 Tower Lift 02 External Paint Tower NW
CERTIFIED COATINGS COMPANY



Daily Diary Report by Bid Item

Job Name: 04-0120F4 Inspector Name: Soheilifard, Saman Diary #: 507 Date: 15-Jan-2014 Wednesday

04-0120F4 Bid Item: 078 T-L02-ESE.078 Tower Lift 02 External Paint Tower SE
CERTIFIED COATINGS COMPANY

04-0120F4 Bid Item: 078 T-L02-ESW.078 Tower Lift 02 External Paint Tower SW
CERTIFIED COATINGS COMPANY

04-0120F4 Bid Item: 078 T-L02-INE.078 Tower Lift 02 Internal Paint Tower NE
CERTIFIED COATINGS COMPANY

04-0120F4 Bid Item: 078 T-L02-INW.078 Tower Lift 02 Internal Paint Tower NW
CERTIFIED COATINGS COMPANY

04-0120F4 Bid Item: 078 T-L02-ISE.078 Tower Lift 02 Internal Paint Tower SE
CERTIFIED COATINGS COMPANY

04-0120F4 Bid Item: 078 T-L02-ISW.078 Tower Lift 02 Internal Paint Tower SW
CERTIFIED COATINGS COMPANY

CCO-289 Bid Item: 001 0-FCP-ELS.289 Fender Closure Pour
DUTRA MATERIALS

CCO-323 Bid Item: 001 0-BCS-ELS.323 Pier T1 Bubble Curtain System
DUTRA MATERIALS

Attachment

Daily Diary Report by Bid Item

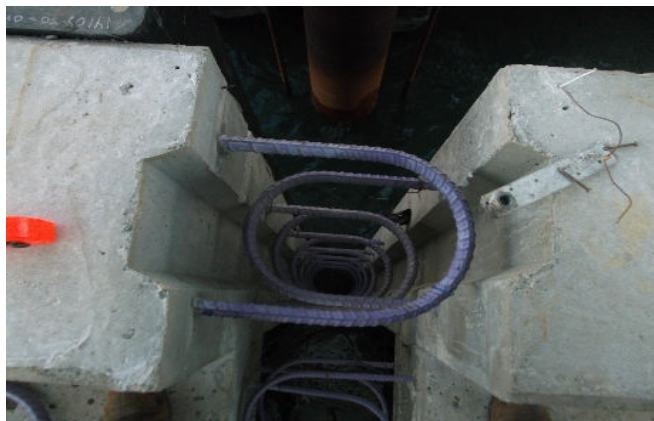
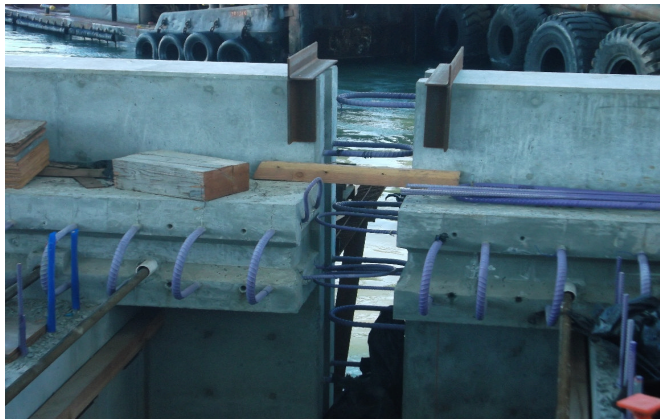
Job Name: 04-0120F4

Inspector Name: Soheilifard, Saman

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Job Name: 04-0120F4

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